

Cal/Ecotox

Exposure Factors for Audubon's Cottontail (*Sylvilagus audubonii*)*

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Endpoint Type	Endpoint Value	Error	Range	Units	Sex	Life Stage	Location	Note	Reference
Age at Sexual Maturity			6 - 9	mo	B	Adult	CA	a	1
Age at Sexual Maturity	3			mo	B	Adult	AZ	b	2
Age at Sexual Maturity	< 9			mo	F	Adult	AZ	c	3
Body Weight - Mean			750 - 1300	g	B	Adult	CA	d	4
Body Weight - Mean	951			g	F	Adult	CA	e	1
Body Weight - Mean	860		562 - 956	g	F	Adult	AZ	f	3
Body Weight - Mean	839			g	M	Adult	CA	g	1
Body Weight - Mean	725		560 - 896	g	M	Adult	AZ	h	3
Body Weight - Mean			95 - 490	g	B	Juvenile	CA	i	1
Clutch or Litter Size	3.6		2 - 6	young/litter	F	Adult	CA	j	5
Clutch or Litter Size	2.60		1 - 3	young/litter	F	Adult	TX	k	6
Clutch or Litter Size	3		1 - 5	young/litter	F	Adult	CA	l	1
Clutch or Litter Size	2.9		2 - 4	young/litter	F	Adult	AZ	m	3
Clutch or Litter Size	2.7		2 - 6	young/litter	F	Adult	AZ	n	2
Clutch or Litter Size	3.7		2 - 6	young/litter	F	Adult	AZ	o	7
Clutch or Litter Size			2 - 3	young/litter	F	Adult	Merced; CA	p	8
Clutches or Litters per year	>2			litters/yr	F	Adult	CA	q	5
Dietary Composition	Grasses, 20 species (0 - 22.2%); Forbs, 16 species (0 - 17.4%); Shrubs, 1 species (0.4 - 1.5%); Cactus, 1 species (0 - 0.1%)			%	B	Both Adult and Juv.	CO	r	9
Dietary Composition	Grasses, 20 species (0 - 21.6%); Forbs, 16 species (0 - 12.4%); Shrubs, 1 species (1.1%); Cactus, 1 species (1.9%)			%	B	Both Adult and Juv.	CO	s	9
Dietary Composition	Grasses (32.1%); Forbs (66%)			%	NR	NR	TX	t	10
Dietary Composition	Grasses (51.2%); Forbs (45.4%)			%	NR	NR	TX	u	10
Dietary Composition	Grasses (37.9%); Forbs (41.3%); Shrubs (20.8%)			%	NR	NR	AZ	v	7
Duration of Incubation or Gestation	28			d	B; F	Adult; Adult	Lab; Lab; MI	w	11
Foraging Distance			451 - 1044	ft	B	Both Adult and Juv.	CA	x	4
Home Range	review				B	Adult		y	12
Home Range	< 1			acre	F	Adult	CA	z	1
Home Range	up to 15			acres	M	Adult	CA	aa	1
Home Range	review				NR	Adult		ab	13
Home Range			8 - 9	acres	B	Both Adult and Juv.	CA	ac	4
Longevity	19			mo	B	Adult	CA	ad	1
Population Density	review				B	Adult		ae	12
Population Density	1			#/. 1.2 - 2.6	B	Both Adult and Juv.	CA	af	4
Population Density	6.6	5.4 - 7.8 (95% CL)		acres				ag	14
Time of Mating/ Laying	Dec. - June			#/mi ²	NR	NR	CO	ah	5
Time of Mating/ Laying	Jan. - Dec.				B	Adult	CA	ai	1
Time of Mating/ Laying	Jan. - Aug.				B	Adult	AZ	aj	3

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Time of Mating/ Laying	Jan. - Aug.				B	Adult	AZ	ak	2
Time of Mating/ Laying	review				B	Adult		al	12

Notes

- a reported as age at sexual maturity as lactation first observed; N=NR; Sacramento Valley, Durham
- b minimum age for breeding; N=NR; Phoenix
- c earliest age when pregnancy noted; N=NR; southern portion of state
- d N=NR; San Joaquin Experimental Range
- e N=9 measurements from 6 animals; Sacramento Valley, Durham
- f N=40; Condition=non-pregnant; southern portion of state
- g N=16 observations from 7 animals; Sacramento Valley, Durham
- h N=87; southern portion of state
- i N=9 observations from 8 animals; Mar. - May; Sacramento Valley, Durham
- j N=19
- k N=10; Mar.; Big Lake
- l N=NR; Sacramento Valley, Durham
- m estimated by embryo counts; N=56; southern portion of state
- n estimated by uterine scar counts; N=NR; Phoenix
- o N=NR; Sugarloaf Mountain, Maricopa County (elev., 850m)
- p N=2; Volta and Kesterson
- q N=NR
- r range of % composition of species over 2 yrs; estimated as sum of all fragments per food species from all stomachs divided by sum of fragments from all stomachs; N=18 - 30; Mar. - May; Fort Collins, Larimer County (elev. 1650-2200 m); see citation for species level dietary composition
- s range of % composition of species; estimated as sum of all fragments per food species from all stomachs divided by sum of fragments from all stomachs; N=29; June - Aug.; Fort Collins, Larimer County (elev. 1650-2200 m); see citation for species level dietary composition
- t cumulative dietary frequency estimated from stomach contents (sum of all fragments of a plant species divided by total # plant fragments); N=172; June-July; Castro County, agricultural playa basins; see citation for dietary frequencies for 15 plant species
- u cumulative dietary frequency estimated from stomach contents (sum of all fragments of a plant species divided by total # plant fragments); N=172; June-July; Castro County, range playa basins; see citation for dietary frequencies for 17 plant species
- v % total dietary bulk (volume), estimated from stomach contents; N=97; Sugarloaf Mountain, Maricopa County (elev., 850m); see citation for list of 43 plant species consumed and seasonal dietary preferences
- w N=3 litters; captured in Rago, Kansas
- x range of average foraging diameters for rabbits with 5 recapture rates, overall range 30 - 1450 ft.; N=5 - 39; San Joaquin Experimental Range
- y N=NR
- z N=10; yr-round; Sacramento Valley, Durham
- aa N=11; yr-round; Sacramento Valley, Durham
- ab see citation for home range allometry for 14 species of lagomorphs; N=NR
- ac N=NR; San Joaquin Experimental Range
- ad longest life span recorded; N=29; Sacramento Valley, Durham
- ae N=NR
- af range of yearly estimates for 3 yrs; N=NR; summer; San Joaquin Experimental Range
- ag N=31; Dec.; Pawnee National Grasslands
- ah time of breeding; N=NR
- ai time of breeding; N=NR; Sacramento Valley, Durham
- aj time of breeding; N=NR; southern portion of state
- ak time of breeding; N=101; Phoenix
- al N=NR

References

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